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				U.S. PAT	ENT DOCUMENT	8	
		U.S. Paten	n Document Name of Patentee		Date of Pub.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
Exam. Initiats*	Cite No.1	Number	Kind Code ² (il known)	of Applicant of Cited Doc.	Of Cited Doc. (mm-dd-yyyy)	Appear	
展	AA	D391,227		Dickey	02/24/1998		
	AB	4,522,627		Rodriguez, et al	11/11/1988		
	AC	4,885,674		Varga, et al	12/05/1989		
	AD_	4,890,214		Yamamoto	12/26/1989		
	AE	5,019,954		Sourgeault, et al	05/28/1991		
	AF	5,770,895		Kumasaka	08/23/1998		
	AG	5,888,422		Mills	03/23/1999		
	HA	5,347,211		Jakubowski	09/13/1994		
	Al	5,479,331		Lenni	12/26/1995		
	AJ	5,638,110		Lanni	08/03/1997		
	AK	5,838,554		Lanni	11/17/1998		
	AL	5,949,213		Lanni	09/07/1999		
	AM	6,091,611		Land	07/18/2000		
	AN	6,172,884		Lenni	01/09/2001		
	AO	3,275,855		Wright	09/27/1986		
	AP	6,084,177		Dixon	05/16/2000		

	FOREIGN PATENT DOCUMENTS									
	· I	Foreign Patent Document			Name of Patentee	Date of Pub.	Bosse Columns Lines Whom Releaset	Ι .		
Exam. Initials*	Citie No. 1 Office 3 Number 4 Kind Code 1 of Applicant of (if known) Cited Doc.	of Cited Doc. (non-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	12						
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	BF									
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exam.	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial,	72
initials*	No.1	symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
# 3	CA	Press Release of EMPIRE ENGINEERING, Electronic Design and Management, July 5, 1995 - Sen Luis Obispo, CA USA, pp1-2.	
	СВ	Description of the "Smart Adapter System" NESCO BATTERY SYSTEMS, 1895; pp. 1-2	
	CC	Macworld, "On the Road", Vol 12, No 7 July 1995, pp 141-142, 5/9/1 (item 1 from file: 15) DIALOG(R) File 15: ABVINFORM(R)	
	co	EMPIRE ENGINEERING Sen Luis Obispo, CA; SmartCord Assembly and Schematic Drawing; 02/09/1998 pp 1-3	Γ
	CE	EMPIRE ENGINEERING, "Universal DC Adapter for Portable Computer Power" Electronic Design and Management; January/1995	I
	CF	Press Release New PowerXtenderge Adapter Lets Portable Computer Users Plug into Computing Power on Airplanes and in Cere* Irvine.	
	L	CA April 30, 1997, 2 pages	
	CG	BenchMarq; Fast-Charge IC, bq2002C, Sept. 1997; pp.1-9 thru 1-18.	I
	CH.	Electronic Products, "Smart External Adapter Meets Many Portable Power Needs" May 1995, 1 page	
	a	Minwa Product Information, MW182, 1993, 1 page	
	٦ ت	Smart Adepter Power Converter Schematic, Empire Engineering, February 27, 1995	
1.7	CK	Smart Adapter Power Converter Schematic, Empire Engineering, April 27, 1997	
. 7/	a	Specification Change Notice, General Dynamics, 26 October 1979	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: ¹Unique citation designation number. ²Sea attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English tanguage Translation is attached.

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STATEMENT BY APPLICANT			Examiner Name	•••		
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1	ď	2	Attorney Docket No.	101850-00139		

					U.S. PA	TENT DOCUMENT	8	
			U.S. Patent Document		Name of Patentee of Applicant of	Date of Pub.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
Exan Initial		Cite No.'	Number	Kind Code ² (if known)	Cited Doc.	(mm-dd-yyyy)	ited Doc. dd-yyyy) Appear Appear	
- 1	3	AA	1,741,265		Wappler	12-31-1929		
		A8	2,427,111		Toimie	09-09-1947		
	╗	AC	2,792,559		Maberry	05-14-1957		
	_	AD	3,201.617		Pacoroni, et al	08-17-1985		
_		AE	3,256,466		Trotio, et al	06-14-1968		
		AF	3,281,747		Winsand	10-25-1988		
\neg		AG	3,452,215		Alessio	06-24-1969		
		AH	3,484,884		Bernstein, et al	12-16-1989	**	
		A	3,581,480		O'Conner, et al	06-01-1971		
_	\neg	2	3,784,956		Gassman	01-08-1974		
\neg		AK	3,870,946		Sendorf	03-11-1975		
		A	3,998,548		Hugly	12-07-1976		
		AM	4,164,665		Berger	08-14-1979		
-		AN	4,089,041		Lockard	05-09-1978		
\neg	\neg	AO	4,239,319		Gladd, et al	12-16-1980		
		AP	4,258,969		Stallerd	03-31-1981		
		AQ	4,713,842		Wolfe, et al	12-15-1987		
	\neg	AR	5,040,990		Suman, et al	08-20-1991		
		AS	5,044,984		Minerd, et al	09-03-1991		
		AY	5,092,788		Pristupa, Jr. et al	03-03-1992		
$\neg \neg$		AU	5,181,859		Foreman, et al	01-26-1993		
		AV	5,290,191		Foreman, et al	03-01-1994		
	\neg	AW	5,389,352		Toepfer, et al	11-29-1994		
	\neg	AX	5,412,248		Murari, et al	05-02-1995		
	71	AY	5,428,288		Foreman, et al	06-27-1995		
	/-	AZ	5,455,734		Foreman, et al	10-03-1995		

	FOREIGN PATENT DOCUMENTS									
Foreign Patent Document				ment	Name of Patentee	Date of Pub.	Pages, Columns, Lines, Where Relevant			
Exam. Initials*	Cits No.1	Office ³	Number	(if known)	of Applicant of Cited Doc.	of Cited Doc. (mm-dd-yyyy)	Passages or Relevant Figures Appear	F		
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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"Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached.